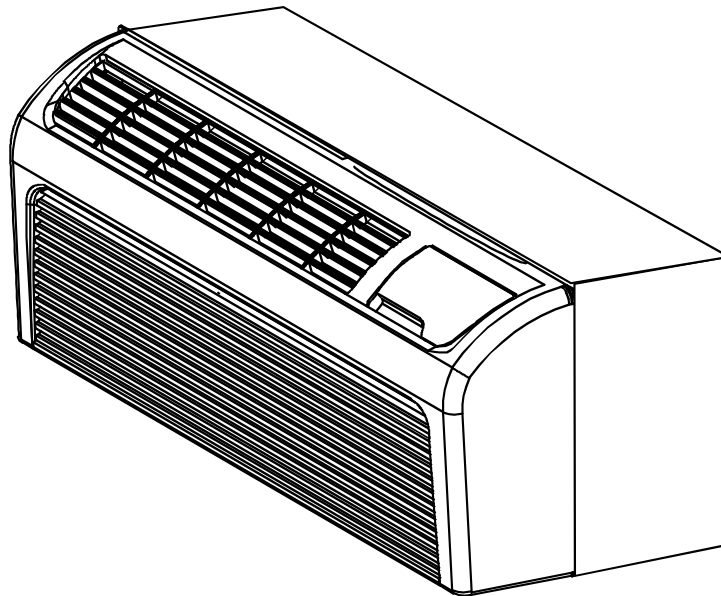


PTH*B*CK Package Terminal Air Conditioner

PTH073B25CK
PTH073B35CK
PTH093B25CK
PTH093B35CK
PTH093B50CK
PTH123B25CK
PTH123B35CK
PTH123B50CK
PTH153B25CK
PTH153B35CK
PTH153B50CK



RP4220038
Revision 0
October 2004

Important Information

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Functional Parts List	3
Illustration and Parts	6 - 19

Views shown are for parts illustrations only, not servicing procedures

Text Codes:

AR - As Required

NA - Not Available

NS - Not Shown

00000000 - See Note

QTY - Quantity Example (QTY 3) (If Quantity not shown, Quantity = 1)

M - Model Example (M1) (If M Code not shown, then part is used on all Models)

Expanded Model Nomenclature:

Example

M1 - Model#1

M2 - Model#2

M3 - Model#3

Goodman Company, L.P. is not responsible for personal injury or property damage resulting from improper service. Review all service information before beginning repairs.

Warranty service must be performed by an authorized technician, using authorized factory parts. If service is required after the warranty expires, Goodman Company, L.P. also recommends contacting an authorized technician and using authorized factory parts.

Goodman Company, L.P., reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations. Goodman® brand products are made proudly in the USA.

For assistance within the U.S.A. contact:

Consumer Affairs Department

Goodman Company, L.P.

7401 Security Way

Houston, Texas 77040

877-254-4729-Telephone

713-863-2382-Facsimile

For assistance outside the U.S.A. contact:

International Division

Goodman Company, L.P.

7401 Security Way

Houston, Texas 77040

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Functional Parts

Part

No:

Description:

Expanded Model Nomenclature

D6789051	CAPACITOR (M5, M6, M7)
D6789049	CAPACITOR-POLY (M8, M9, M11)
D6789054	CAPACITOR-ROUND (M1, M2, M3, M4, M10)
20284921	CAPILLARY TUBE ASSY (M9, M10, M11)
20284920	CAPILLARY TUBE ASSY (M3, M7, M8)
20284922	CAPILLARY TUBE ASSY (M1, M2, M4)
20284919	CAPILLARY TUBE ASSY (M5, M6)
D6926123	COMP-PN 2K21T236 (M1, M2, M4)
D6985807	COMP-PN 2P17S3R236A (M9, M10, M11)
D6887711	COMP-PN 2R13S3R236A (M3, M7, M8)
D6887715	COMP-PN 2R9U236A6A (M5, M6)
20456602PDG	CONDENSING ASSY (M3, M5, M6, M7, M8)
20456603PDG	CONDENSING ASSY (M9, M10, M11)
20456605PDG	CONDENSING ASSY (M1, M2, M4)
20473902	EVAPORATOR ASSY (M1, M2)
20457202	EVAPORATOR ASSY (M3, M4, M10)
20456702	EVAPORATOR ASSY (M5, M6, M7, M8, M9, M11)
20414601	FAN-PL. COND.
20517901	HTR 3 2.5KW ASSY (M1, M5, M7, M9)
20517902	HTR 3 3.5KW ASSY (M3, M4, M6, M10)
20517903	HTR 3 5.0KW ASSY (M2, M8, M11)
11114909	MOTOR-FAN (M4, M5, M6, M7, M8, M9, M11)
11114907	MOTOR-FAN (M1, M2, M3, M10)
D6961612	OVERLOAD (M5, M6, M7)
D6961639	OVERLOAD (M3, M4, M10)
D6961636	OVERLOAD (M1, M2)
20515101	PC BOARD
20365801	REV VALVE ASSY
20477003	REV VLV WELD (M3, M4, M10)
20477103	REV VLV WELD (M5, M6, M7)
20474403	REV VLV WELD (M8, M9, M11)
20477403	REV VLV WELD (M1, M2)
20295709	THERMISTOR
20295708	THERMISTOR-DISCHARGE
20295706	THERMISTOR-INDOOR AMBIENT
20295707	THERMISTOR-INDOOR COIL
20512501	TRANSFORMER
11044101	WHEEL-BLOWER
10618849	WIRE-JUMPER GN1

M1 - PTH153B25CK	P1255664R
M2 - PTH153B50CK	P1255665R
M3 - PTH093B35CK	P1255666R
M4 - PTH153B35CK	P1255668R
M5 - PTH073B25CK	P1255657R
M6 - PTH073B35CK	P1255658R
M7 - PTH093B25CK	P1255659R
M8 - PTH093B50CK	P1255660R
M9 - PTH123B25CK	P1255661R
M10 - PTH123B35CK	P1255662R
M11 - PTH123B50CK	P1255663R

SPECIAL PARTS

20517603	MANUAL-OWNERS
RP4220038	REPAIR PARTS MANUAL
RS4200003	SERVICE MANUAL
11046402	WARRANTY

Front/Chassis

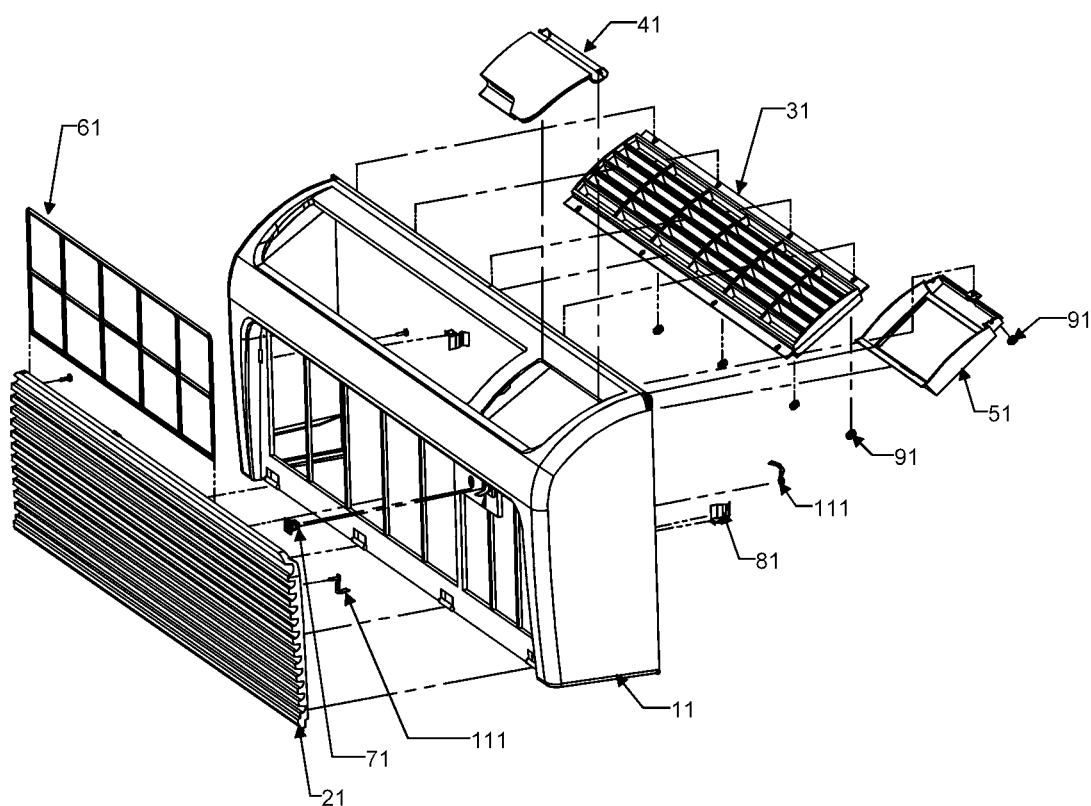


Image 1

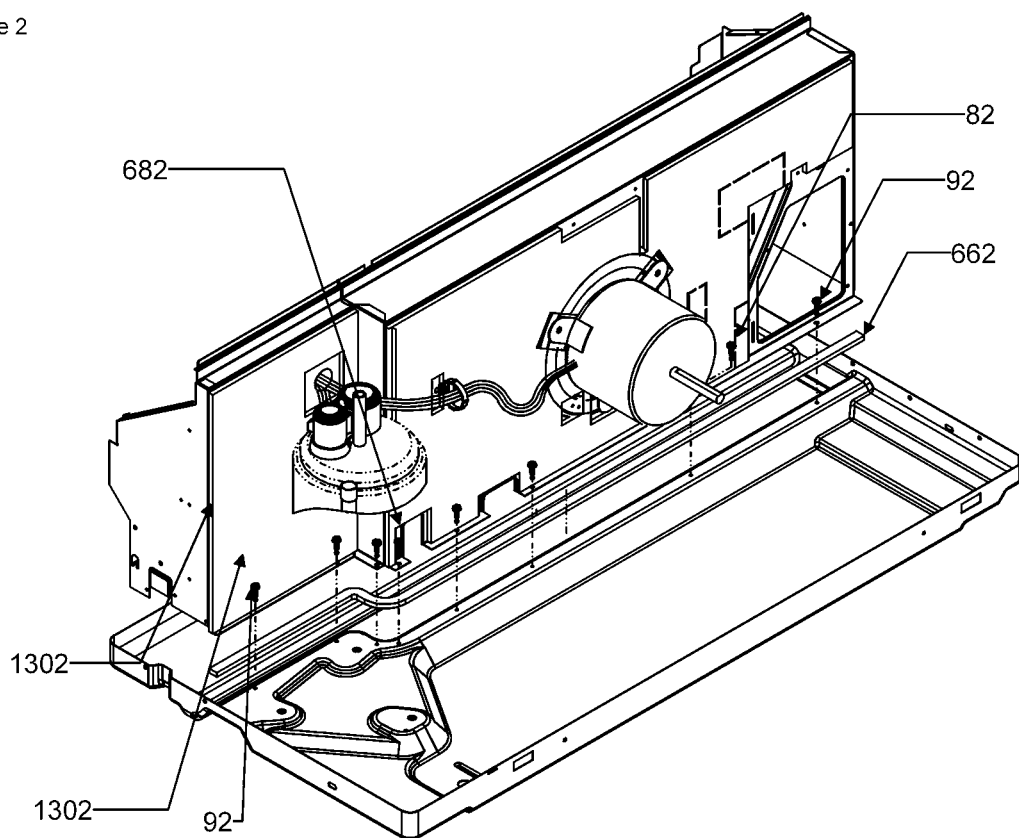


Image 2

Front/Chassis

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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Image 1:

11	20415203	FRONT
21	20415402	GRILLE-INTAKE
31	20415301	GRILLE-EXHAUST
41	20415501	DOOR-CONTROL
51	20415601	HOUSING,CONTROL
61	20415801	FILTER
71	10690002	DOOR CATCH ASSY
81	11045102	CLIP-SIDE (QTY 2)
91	M0293604	PALNUT (QTY 5)
111	20480501	RESTRAINT-INLET GRI (QTY 2)

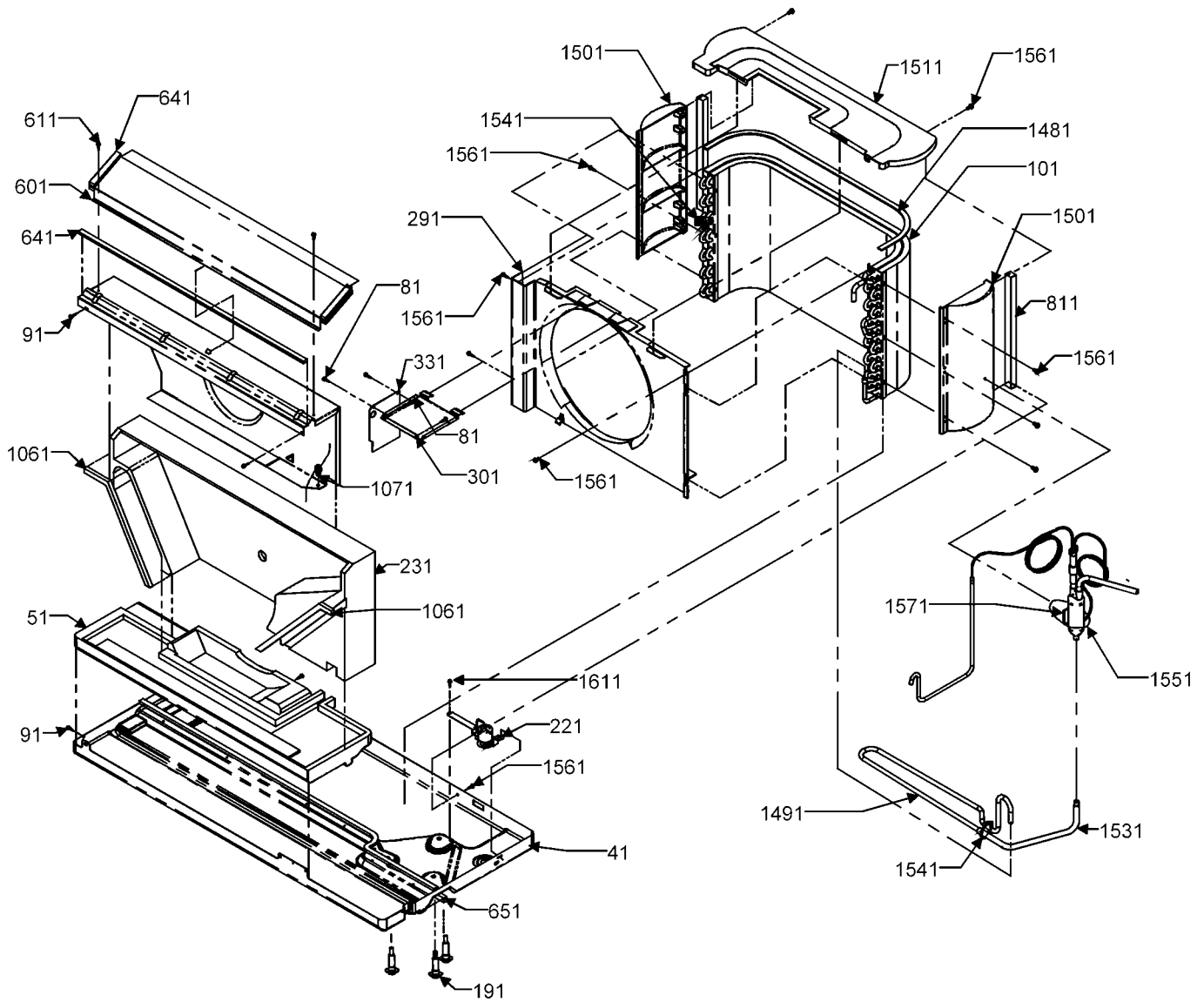
Image 2:

82	M0211216	SCREW-SM (QTY AR)
92	M0216716	SCREW-SM (QTY AR)
662	10839828	GASKET-.12X.50X43
682	M0275521	SEALER-PLASTIC (QTY 2)
1302	20417402	INSUL-PARTITION PNL

Expanded Model Nomenclature

M1 - PTH153B25CK	P1255664R
M2 - PTH153B50CK	P1255665R
M3 - PTH093B35CK	P1255666R
M4 - PTH153B35CK	P1255668R
M5 - PTH073B25CK	P1255657R
M6 - PTH073B35CK	P1255658R
M7 - PTH093B25CK	P1255659R
M8 - PTH093B50CK	P1255660R
M9 - PTH123B25CK	P1255661R
M10 - PTH123B35CK	P1255662R
M11 - PTH123B50CK	P1255663R

Chassis



Chassis

**Ref. Part
No: No:**

Description:

**Ref. Part
No: No:**

Description:

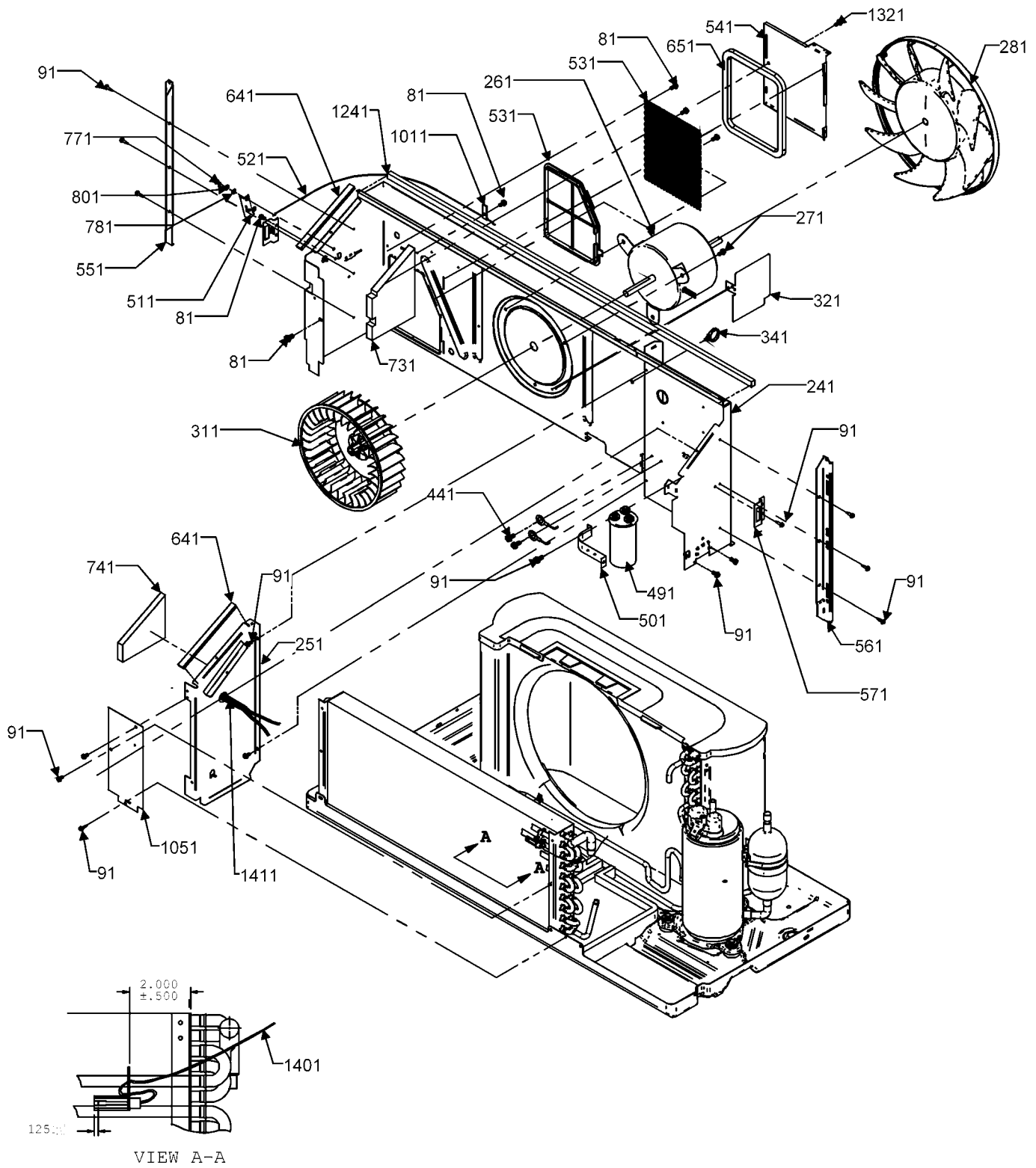
Image 1:

41	20403508	BASEPAN PNT
51	20403802	PAD-EVAP
81	M0211216	SCREW-SM (QTY AR)
91	M0216716	SCREW-SM (QTY AR)
101	20456602PDG	CONDENSING ASSY (M3, M5, M6, M7, M8)
101	20456603PDG	CONDENSING ASSY (M9, M10, M11)
101	20456605PDG	CONDENSING ASSY (M1, M2, M4)
191	M0253610	SCREW-SHLDR (M5, M6, M7, M8, M9, M11)
191	M0253661	SCREW-SHLDR (M1, M2, M3, M4, M10)
211	20472702	CAP WLD (M5, M6, M7)
211	20473202	CAP WLD. (M1, M2)
211	20451502	TUBE WELD-CAP (M3, M4, M10)
211	20474002	TUBE WELD-CAP (M8, M9, M11)
221	20406303	VALVE-BASEPAN
231	20356702	SCROLL-BLOWER
291	20401301	SHROUD-COND
301	11044201PDG	TIE BRACE-PNT
331	20417702PDG	BAFFLE-TOP PNT
601	11123911	SCREEN-PNT DISCH
611	M0221817	SCREW-SM (QTY 2)
641	20455902	GASKET .50X.25 (QTY 5)
651	10839808	GASKET-.37X.50 (QTY 5)
811	20455901	GASKET .62X.75 (QTY 2)
1061	10839706	GASKET .50X.50 (QTY 2)
1071	M0120801	CLIP-GUIDE
1481	10839812	GASKET-.12X.50 (QTY 2)
1491	20453901	TUBE-SUBCOOLER (M3, M4, M5, M6, M7, M10)
1491	20474302	TUBE-SUBCOOLER (M8, M9, M11)
1501	20357001	SIDE COVER-COND (QTY 2)
1511	20396701	TOP COVER-COND
1531	20477802	TUBE-V-SLIT (M3, M4, M5, M6, M7, M8, M9, M10, M11)
1541	M0321202	TIE-ELEC LG (QTY 3)
1551	M0322201	TIE-ELEC
1561	M0211018	SCREW-SM #8-5/8LG (QTY 11)
1571	10839827	GASKET-CUT
1611	91000801	SCREW

Expanded Model Nomenclature

M1 - PTH153B25CK	P1255664R
M2 - PTH153B50CK	P1255665R
M3 - PTH093B35CK	P1255666R
M4 - PTH153B35CK	P1255668R
M5 - PTH073B25CK	P1255657R
M6 - PTH073B35CK	P1255658R
M7 - PTH093B25CK	P1255659R
M8 - PTH093B50CK	P1255660R
M9 - PTH123B25CK	P1255661R
M10 - PTH123B35CK	P1255662R
M11 - PTH123B50CK	P1255663R

Chassis



Chassis

**Ref. Part
No: No:**

Description:

**Ref. Part
No: No:**

Description:

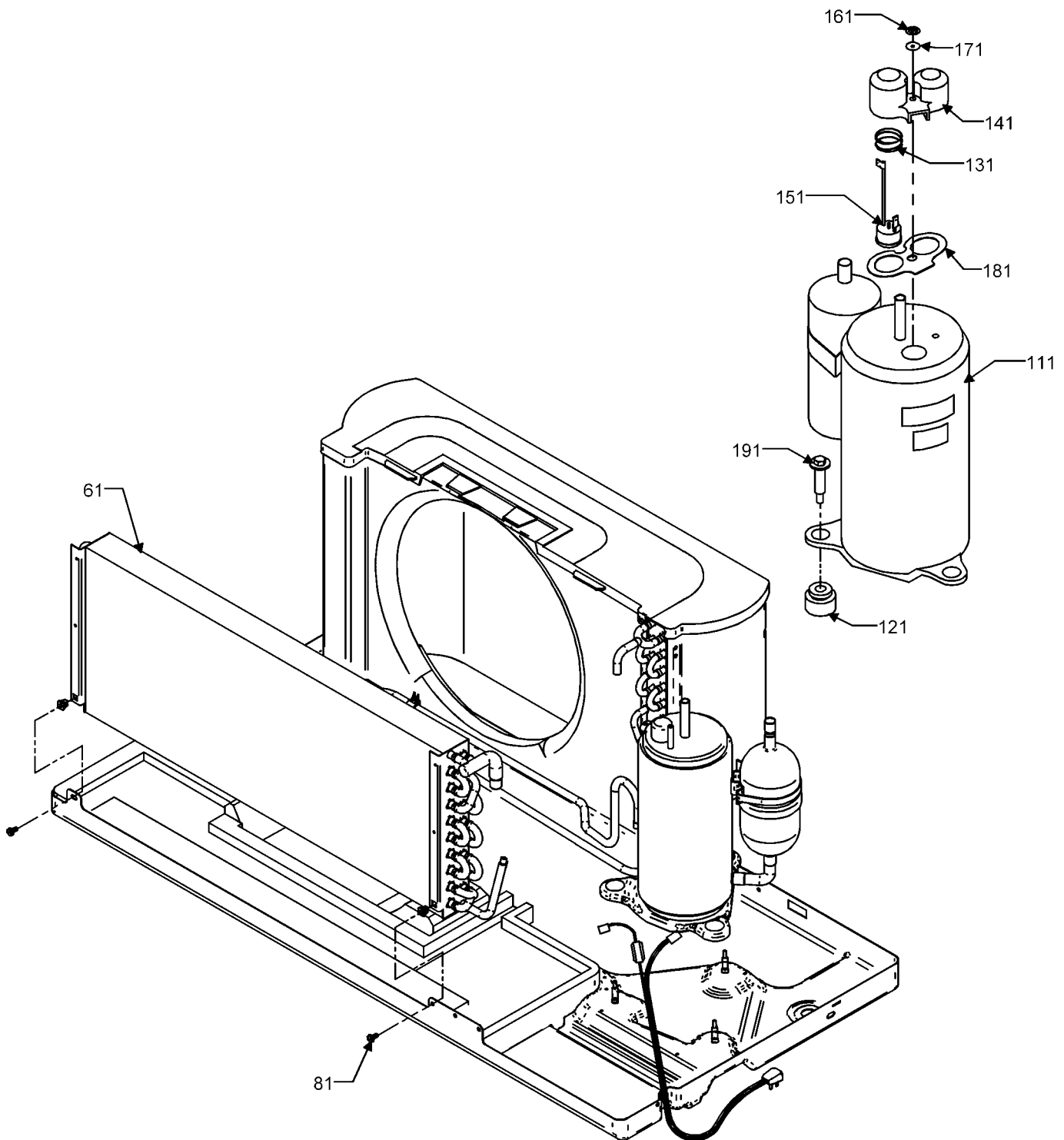
Image 1:

81	M0211216	SCREW-SM (QTY AR)
91	M0216716	SCREW-SM (QTY AR)
241	20403106PDG	PANEL-PTN PNT
251	20403302	PANEL-MID PTN
261	11114907	MOTOR-FAN (M1, M2, M3, M10)
261	11114909	MOTOR-FAN (M4, M5, M6, M7, M8, M9, M11)
271	M0224956	SCREW-TAP R (QTY 3)
281	20414601	FAN-PL. COND.
311	11044101	WHEEL-BLOWER
321	20480902PDG	BAFFLE-COND INLT PN
341	M0118702	CLIP-GUIDE
441	M0227803	SCREW-TC (QTY 2)
491	D6789051	CAPACITOR (M5, M6, M7)
491	D6789049	CAPACITOR-POLY (M8, M9, M11)
491	D6789054	CAPACITOR-ROUND (M1, M2, M3, M4, M10)
501	C6300502	STRAP-CAPACITOR
511	11046302	LEVER ARM
521	11115401	CABLE
531	20304003	SHIELD-PROTECTION
541	11046105PDG	DOOR-PNT VENT
551	20416201	SEAL-L SIDE
561	20416101	SEAL-R SIDE
571	11191703	BRKT-PART PAN (QTY 2)
641	20455902	GASKET .50X.25 (QTY 5)
731	11122901	INSUL-LEFT
741	11123001	INSUL-RIGHT
771	M0220757	SCREW-SHLDR
781	M0273701	WASHER-SPRING
801	M0270529	WASHER-FLAT
1011	M0108103	CLAMP-TUBE
1051	20410801	COVER-ACCESS
1241	10839807	GASKET-.37X.75 (QTY 3)
1321	M0238833	SCREW-SHLDR
1401	20295706	THERMISTOR-INDOOR AMBIENT
1411	20295707	THERMISTOR-INDOOR COIL

Expanded Model Nomenclature

M1 - PTH153B25CK	P1255664R
M2 - PTH153B50CK	P1255665R
M3 - PTH093B35CK	P1255666R
M4 - PTH153B35CK	P1255668R
M5 - PTH073B25CK	P1255657R
M6 - PTH073B35CK	P1255658R
M7 - PTH093B25CK	P1255659R
M8 - PTH093B50CK	P1255660R
M9 - PTH123B25CK	P1255661R
M10 - PTH123B35CK	P1255662R
M11 - PTH123B50CK	P1255663R

Compressor Assy/Evaporator



Compressor Assy/Evaporator

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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Image 1:

61	20456702	EVAPORATOR ASSY (M5, M6, M7, M8, M9, M11)
61	20457202	EVAPORATOR ASSY (M3, M4, M10)
61	20473902	EVAPORATOR ASSY (M1, M2)
81	M0211216	SCREW-SM (QTY AR)
111	D6926123	COMP-PN 2K21T236 (M1, M2, M4)
111	D6985807	COMP-PN 2P17S3R236A (M9, M10, M11)
111	D6887711	COMP-PN 2R13S3R236A (M3, M7, M8)
111	D6887715	COMP-PN 2R9U236A6A (M5, M6)
121	A3448602	GROMMET (M5, M6, M7, M8, M9, M11)
121	A4622801	GROMMET (M1, M2, M3, M4, M10)
131	A3436901	SPRING-OVERLOAD (M1, M2, M3, M4, M5, M6, M7, M10)
141	10329001	COVER-TERM
151	D6961612	OVERLOAD (M5, M6, M7)
151	D6961636	OVERLOAD (M1, M2)
151	D6961639	OVERLOAD (M3, M4, M10)
161	A3436601	NUT-TERM COVER
171	A3436801	GASKET-NUT
181	A3436701	GASKET-TERM COVER
191	M0253610	SCREW-SHLDR (M5, M6, M7, M8, M9, M11)
191	M0253661	SCREW-SHLDR (M1, M2, M3, M4, M10)

Expanded Model Nomenclature

M1 - PTH153B25CK	P1255664R
M2 - PTH153B50CK	P1255665R
M3 - PTH093B35CK	P1255666R
M4 - PTH153B35CK	P1255668R
M5 - PTH073B25CK	P1255657R
M6 - PTH073B35CK	P1255658R
M7 - PTH093B25CK	P1255659R
M8 - PTH093B50CK	P1255660R
M9 - PTH123B25CK	P1255661R
M10 - PTH123B35CK	P1255662R
M11 - PTH123B50CK	P1255663R

Heater/Cord

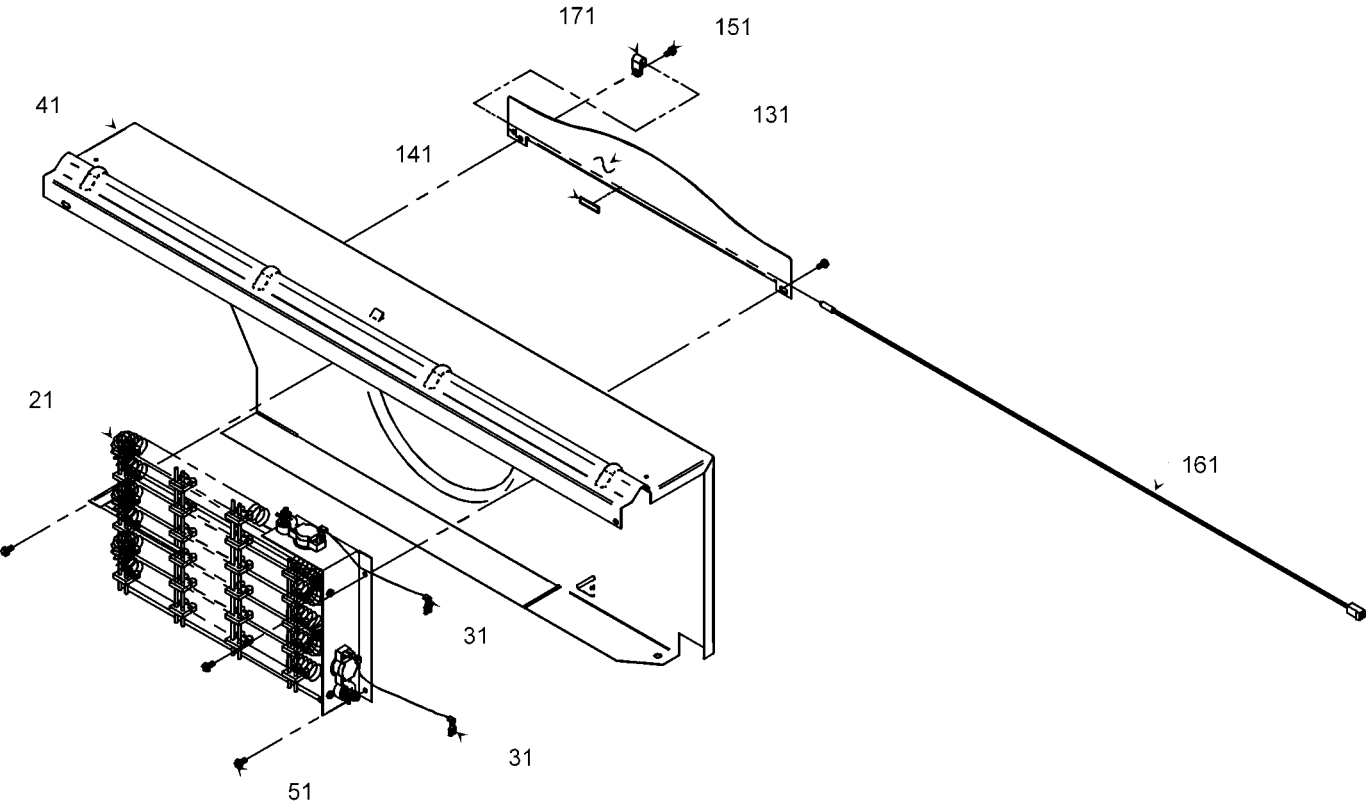
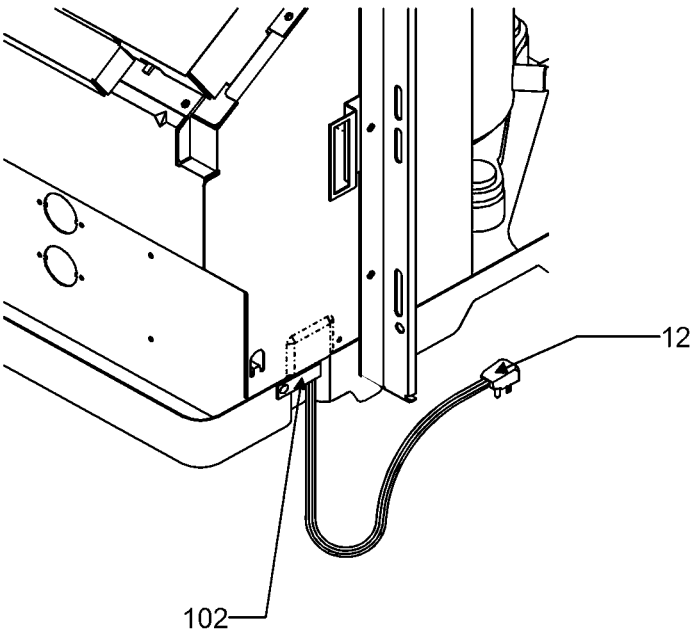


Image 1

Image 2



Heater/Cord

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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Image 1:

21	20517901	HTR 3 2.5KW ASSY (M1, M5, M7, M9)
21	20517902	HTR 3 3.5KW ASSY (M3, M4, M6, M10)
21	20517903	HTR 3 5.0KW ASSY (M2, M8, M11)
31	20260805	WIRE-JUMPER BR34 (QTY 2)
41	20364804	INTAKE-BLOWER
51	M0216716	SCREW-SM (QTY 4)
131	20515304	BLOWER-INT PNT
141	10839722	GASKET .25X.06
151	M0216529	SCREW-SM
161	20295708	THERMISTOR-DISCHARGE
171	BT1392310	PLASTIC CLAMP, .187

Image 2:

12	22309901	CORD-230V 15AMP (M1, M5, M7, M9)
12	22309902	CORD-230V 20AMP (M3, M4, M6, M10)
12	22309903	CORD-230V 30AMP (M2, M8, M11)
102	M0103906	CLAMP-SPEED

Expanded Model Nomenclature

M1 - PTH153B25CK	P1255664R
M2 - PTH153B50CK	P1255665R
M3 - PTH093B35CK	P1255666R
M4 - PTH153B35CK	P1255668R
M5 - PTH073B25CK	P1255657R
M6 - PTH073B35CK	P1255658R
M7 - PTH093B25CK	P1255659R
M8 - PTH093B50CK	P1255660R
M9 - PTH123B25CK	P1255661R
M10 - PTH123B35CK	P1255662R
M11 - PTH123B50CK	P1255663R

Control Panel

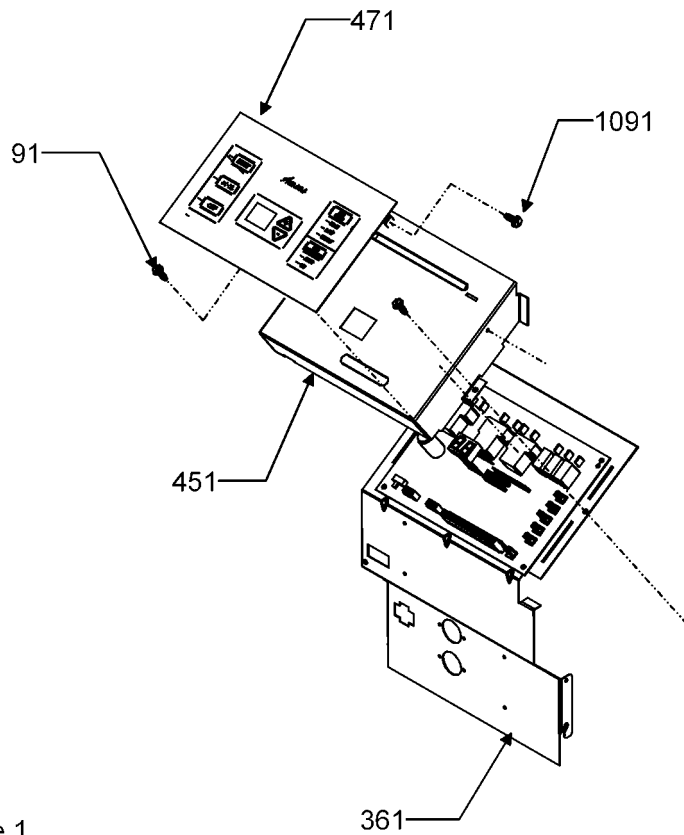
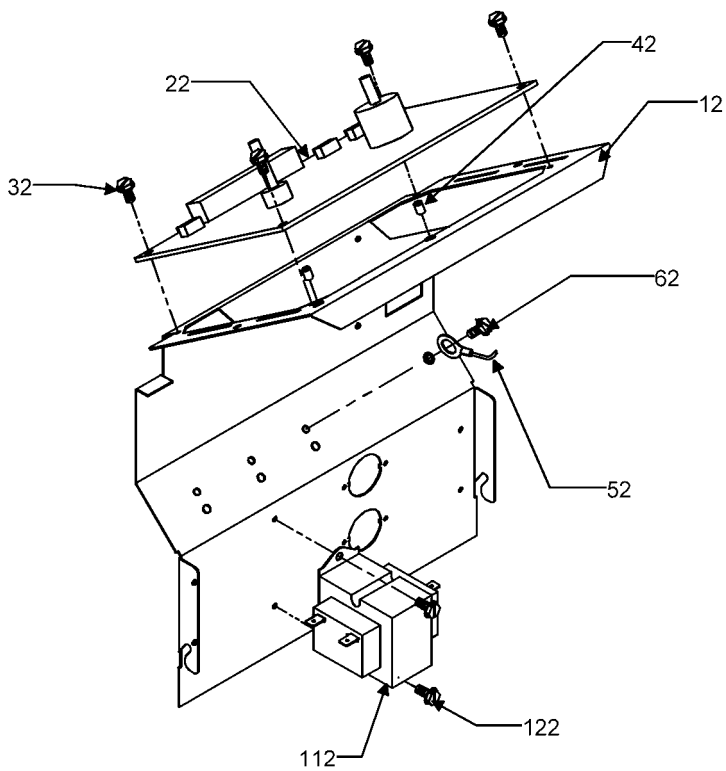


Image 1

Image 2



Control Panel

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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Image 1:

91	M0216716	SCREW-SM (QTY AR)
361	20517101	CONT PANEL ASSY 230
451	20514901	COVER-CONT PNL
471	20515201	MEMBRANE-(CONTROL)
1091	M0216529	SCREW-SM (QTY 4)

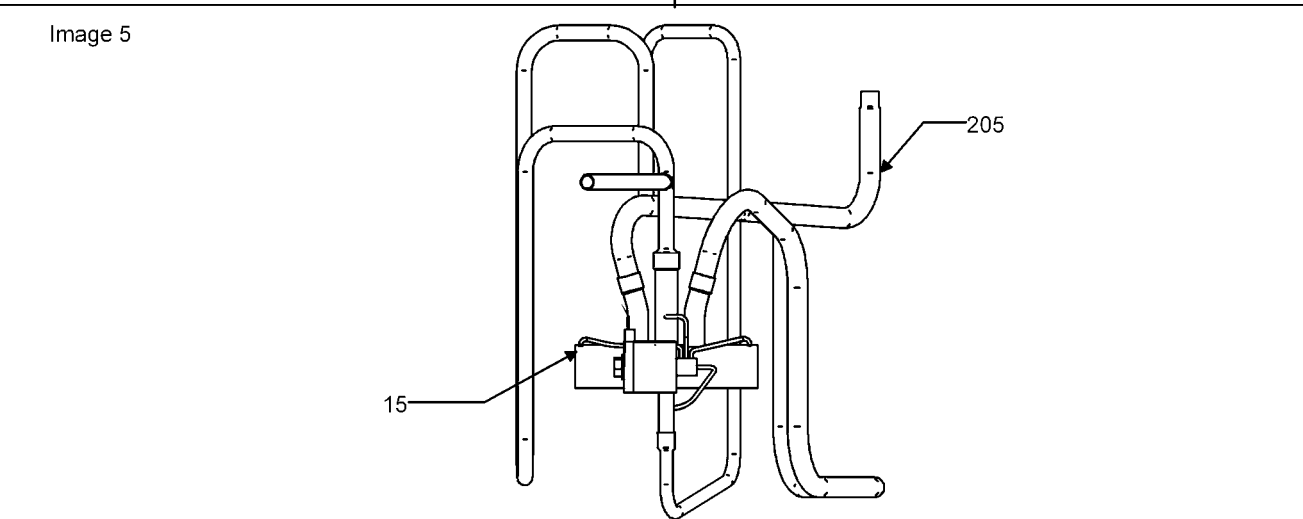
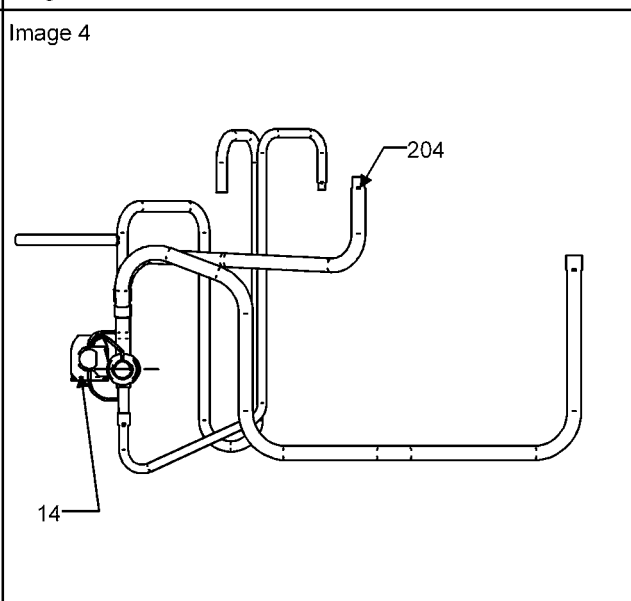
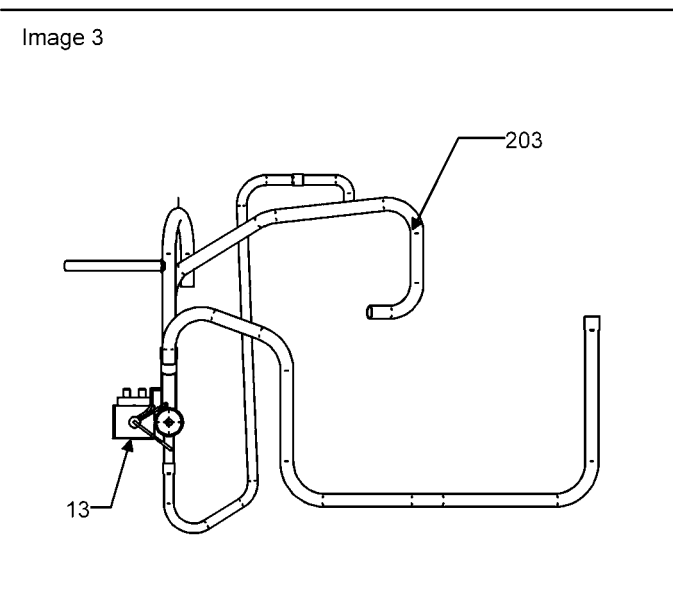
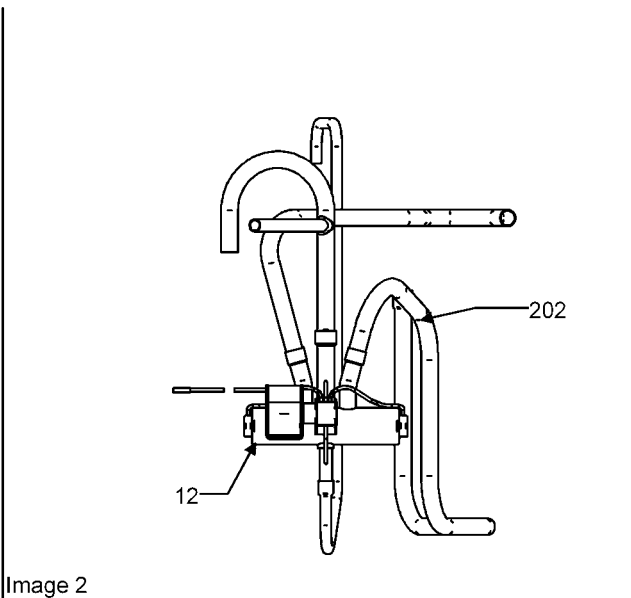
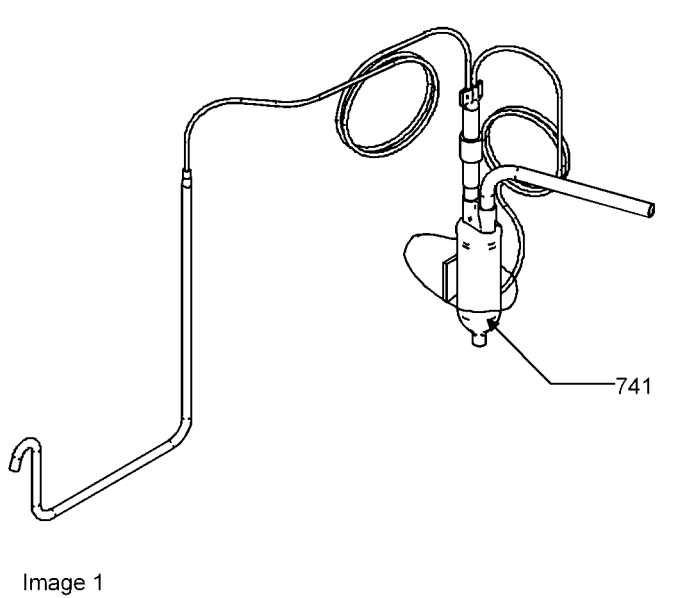
Image 2:

12	11044505	PANEL-CONTROL
22	20515101	PC BOARD
32	M0216529	SCREW-SM (QTY 4)
42	M0590702	SUPPORT (QTY 2)
52	10618849	WIRE-JUMPER GN1
62	M0227803	SCREW-TC
112	20512501	TRANSFORMER
122	M0216716	SCREW-SM (QTY 2)

Expanded Model Nomenclature

M1 - PTH153B25CK	P1255664R
M2 - PTH153B50CK	P1255665R
M3 - PTH093B35CK	P1255666R
M4 - PTH153B35CK	P1255668R
M5 - PTH073B25CK	P1255657R
M6 - PTH073B35CK	P1255658R
M7 - PTH093B25CK	P1255659R
M8 - PTH093B50CK	P1255660R
M9 - PTH123B25CK	P1255661R
M10 - PTH123B35CK	P1255662R
M11 - PTH123B50CK	P1255663R

Cap Tube Assy/Reversing Valve Weld



Cap Tube Assy/Reversing Valve Weld

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	20284919	CAPILLARY TUBE ASSY (M5, M6)
11	20284920	CAPILLARY TUBE ASSY (M3, M7, M8)
11	20284921	CAPILLARY TUBE ASSY (M9, M10, M11)
11	20284922	CAPILLARY TUBE ASSY (M1, M2, M4)

Image 2:

12	20365801	REV VALVE ASSY (M5, M6, M7)
202	20477103	REV VLV WELD (M5, M6, M7)

Image 3:

13	20365801	REV VALVE ASSY (M8, M9, M11)
203	20474403	REV VLV WELD (M8, M9, M11)

Image 4:

14	20365801	REV VALVE ASSY (M3, M4, M10)
204	20477003	REV VLV WELD (M3, M4, M10)

Image 5:

15	20365801	REV VALVE ASSY (M1, M2)
205	20477403	REV VLV WELD (M1, M2)

Expanded Model Nomenclature

M1 - PTH153B25CK	P1255664R
M2 - PTH153B50CK	P1255665R
M3 - PTH093B35CK	P1255666R
M4 - PTH153B35CK	P1255668R
M5 - PTH073B25CK	P1255657R
M6 - PTH073B35CK	P1255658R
M7 - PTH093B25CK	P1255659R
M8 - PTH093B50CK	P1255660R
M9 - PTH123B25CK	P1255661R
M10 - PTH123B35CK	P1255662R
M11 - PTH123B50CK	P1255663R